

Patent claims

1. A set, in particular for fixed combs or round combs on textile combing machines, comprising a plurality of needles which are arranged adjacent to
5 each other, whereby each needle comprises a foot section and a tip section, and whereby between the tip sections of adjacent needles, a free opening area is formed, in which the fibres to be combed can penetrate during combing, **characterised in that**
 - 10 – the needles are produced by punching
 - at least the front end of the tip section is angular or previously bent, and
 - the needle density is ≥ 33 needles per cm.
2. A set according to claim 1, **characterised in that** the needle density is
15 35 needles per cm.
3. A set according to claim 1, **characterised in that** the needle depth is greater than 1.1 mm, preferably greater than 1.3 mm, and in particular approx. 1.5 mm.
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4. A set according to claim 1, **characterised in that** the needle thickness is approx. 0.28 mm.